

Converting Colors

XYZ(44.2571, 54.4065, 74.4994)

Have a look what the booklet for
XYZ(44.2571, 54.4065, 74.4994)
contains.

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Color

**XYZ(44.3278, 54.5129,
74.5154)**

Conversions

Conversions Part 1

Format	Color
Hex	83CFDA
RGB	131, 207, 218
RGB Percent	51%, 81%, 85%
CMY	0.4863, 0.1882, 0.1451
CMYK	0.40, 0.05, 0.00, 0.15
HSL	188°, 54%, 68%
HSV	188°, 40%, 85%
XYZ	44.3278, 54.5129, 74.5154
YIQ	185.5300, -48.8270, -12.6910

Conversions

Conversions Part 2

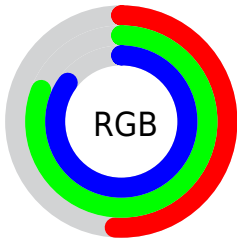
Format	Color
RYB	131, 172, 218
Decimal	8638426
CIELab	78.76, -20.70, -12.87
CIElCh	79, 24.374, 211.870
Yxy	54.5129, 0.2557, 0.3145
Android (android.graphics.Color)	4286828506 (0xFF83CFDA)
YUV	185.5300, 16.0077, -47.8228
Hunter-Lab	73.8329, -22.0396, -8.1551

Details

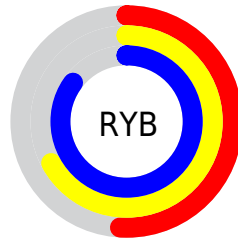
The XYZ color **44.3278, 54.5129, 74.5154** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **42.6841, 35.8910, 26.1521**, and the grayscale version is **46.3437, 48.7572, 53.0966**.

A 20% lighter version of the original color is **74.5490, 89.4314, 107.9406**, and **20.7407, 26.5967, 38.6908** is the 20% darker color. If you saturate the color by 10%, you get **40.6386, 51.6298, 74.1543**, and if you desaturate by 10%, it is **48.7422, 57.7898, 74.9162**.

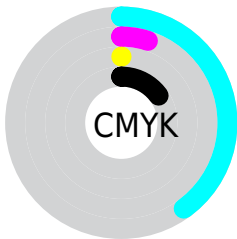
Distribution



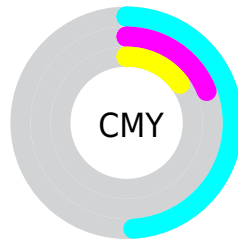
- Red (51%)
- Green (81%)
- Blue (85%)



- Red (51%)
- Yellow (67%)
- Blue (85%)



- Cyan (40%)
- Magenta (5%)
- Yellow (0%)
- Black (15%)



- Cyan (49%)
- Magenta (19%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.3278, 54.5129, 74.5154 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 44.3278, 54.5129, 74.5154 by changing the saturation by 10% instead.

■ 44.3278, 54.5129,
74.5154

■ 44.3278, 54.5129,
74.5154

354.8739,
404.0628, 495.4612

■ 31.1273, 39.0119,
54.7166

■ 80.9541, 96.8269,
127.3669

■ 20.8481, 26.7690,
38.7778

■ 105.1106,
124.4087, 161.2568

■ 13.1249, 17.3998,
26.2804

■ 133.6498,
156.7862, 200.6808

■ 7.5922, 10.5199,
16.8059

166.9370,
194.3437, 246.0574

■ 3.8847, 5.7450,
9.9357

205.3377,
237.4658, 297.8052

■ 1.6371, 2.6907,
5.2513

249.2172,

■ 0.4164, 0.9725,

286.5367, 356.3427

2.3341

298.9408,
341.9409, 422.0886

■ 0.0000, 0.0000,
0.7503

■ 0.0000, 0.0000,
0.0000

■ 44.3278, 54.5129,
74.5154

■ 44.3278, 54.5129,
74.5154

■ 40.6386, 51.6298,
74.1543

■ 48.7422, 57.7898,
74.9162

■ 37.6248, 49.1107,
73.8269

■ 53.9181, 61.4753,
75.3548

■ 35.2379, 46.9320,
73.5322

■ 59.8949, 65.5912,
75.8342

■ 33.4208, 45.0641,
73.2674

■ 66.7081, 70.1559,
76.3562

■ 32.1056, 43.4718,
73.0294

■ 74.3910, 75.1865,
76.9222

■ 31.1727, 42.0935,
72.8125

■ 80.4269, 79.3858,
77.4147

■ 31.1646, 42.0810,
72.8105

■ 81.1716, 80.8751,
77.6629

■ 81.9284, 82.3886,
77.9151

■ 82.6972, 83.9263,
78.1714

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



43.0839, 54.5129, 60.2262



44.3278, 54.5129, 74.5154



47.5614, 54.5129, 86.0002

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



44.3278, 54.5129, 74.5154



60.4311, 54.5129, 72.7820



51.5108, 54.5129, 36.5662

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



44.3278, 54.5129, 74.5154



42.6841, 35.8910, 26.1521

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



56.3105, 54.5129, 38.8749



44.3278, 54.5129, 74.5154



61.6478, 54.5129, 58.4928

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



44.3278, 54.5129, 74.5154



56.8664, 54.5129, 84.8952



60.0964, 54.5129, 46.4049



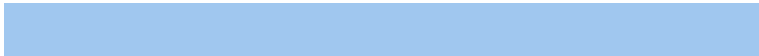
47.0680, 54.5129, 39.5322

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



44.3278, 54.5129, 74.5154



50.5121, 54.5129, 89.7289



60.0964, 54.5129, 46.4049



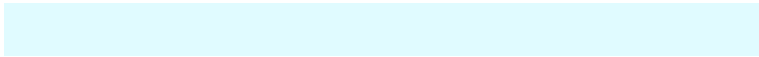
53.1358, 54.5129, 36.7496

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



44.3294, 54.5150, 74.5167



83.4529, 92.2080, 108.0072



39.2516, 56.8968, 34.1727



17.6149, 19.5669, 23.0983



0.0000, 0.0000, 0.0000



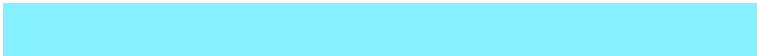
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



44.3294, 54.5150, 74.5167



58.6808, 74.2160, 105.8401



35.3545, 36.5651, 71.5250



13.2971, 14.5340, 16.7566



18.7256, 25.3206, 43.6388



1.2533, 1.7206, 2.8405

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



48.2936, 35.6445, 63.3685



65.2308, 44.1889, 87.1613



50.2872, 51.0971, 28.6864



13.5398, 13.2450, 16.1040



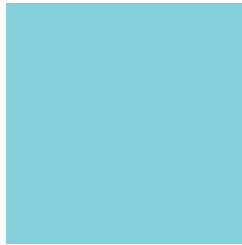
22.9471, 11.1799, 30.4313



1.5069, 0.7324, 2.0781

Previews

White Background



This preview shows how the XYZ color 44.3278, 54.5129, 74.5154 looks on a white background.

Color Contrast Check

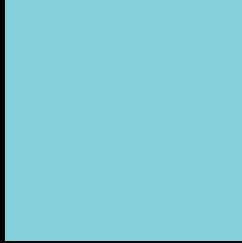
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 44.3278, 54.5129, 74.5154 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

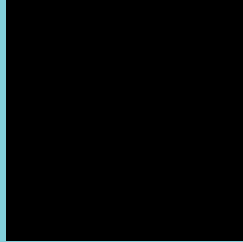
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 44.3278, 54.5129, 74.5154

Background



This preview shows how black text looks on a background with the XYZ color 44.3278, 54.5129, 74.5154.



This preview shows how white text looks on a background with the XYZ color 44.3278, 54.5129, 74.5154.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

44.3278, 54.5129, 74.5154

Protanopia

52.5709, 54.0808, 67.9895

Deuteranopia

55.2018, 53.9485, 76.6109



Tritanopia

44.9063, 54.3759, 77.9408

Trichromacy



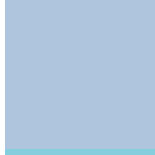
Original Color

44.3278, 54.5129, 74.5154



Protanomaly

48.6553, 53.6877, 70.0857



Deuteranomaly

50.4703, 53.8143, 76.1337



Tritanomaly

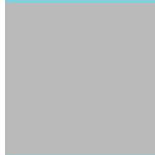
44.6382, 54.2686, 76.5288

Monochromacy



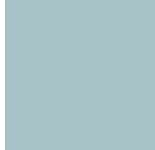
Original Color

44.3278, 54.5129, 74.5154



Achromatopsia

46.6715, 49.1021, 53.4722



Achromatomaly

45.2107, 50.7678, 60.8424

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.3278, 54.5129, 74.5154 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(131, 207, 218)` looks like.

```
.text, #text, p{  
    color:rgb(131, 207, 218)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(131, 207, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 207, 218) }
```

Border

The CSS property to change the border of an element to XYZ 44.3278, 54.5129, 74.5154 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(131, 207, 218) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(131, 207, 218) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(131, 207, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 207, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 207, 218);  
box-shadow:4px 4px 4px 4px rgb(131, 207,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 44.3278, 54.5129, 74.5154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 207, 218) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(131,  
207, 218) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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